# Special Issue

# Molecular Breeding and Agronomic Traits Improvement of Triticeae Crops

# Message from the Guest Editors

Triticeae crops (wheat, barley, rye, and their wild relatives) provide food for more than 40% of the world's population and are essential for global food security. Recent advances in the dissection of complex traits of Triticeae crops have been made by integrating genomics, transcriptomics, and proteomics; the accelerated selection for yield, quality, and stress resistance traits by linking more genetic markers to these phenotypes; and gene editing (CRISPR), which enables precise modifications of important agronomic traits. These advances allow the continued progression of molecular breeding in Triticeae crops. This Special Issue highlights cutting-edge research on molecular breeding and agronomic trait improvement in Triticeae crops. We welcome studies on genetic dissection from QTL/GWAS, gene discovery using omics data, and precise breeding through marker-assisted selection or CRISPR approaches.

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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. Agriculture is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

## Editor-in-Chief

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